BIOTECHNOLOGY
SYSTEMS
BRANCH

RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _____09/756,097A_____

Source: _____1623_____

Date Processed by STIC: _____3/4/02_____

RECEIVED

MAR 1 9 2002

TECH CENTER 1600/2900

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO **REDUCE** ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 3.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
        http://www.uspto.gov/web/offices/pac/checker

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
    U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
        Or
    U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, r other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002

1623

Does Not Comply
Corrected Diskette Needed

Error on p. 7

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/756,097A

DATE: 03/04/2002
TIME: 08:46:24

Input Set : A:\09756097SEQUENCELISTING.txt
Output Set: N:\CRF3\03042002\I756097A.raw

```
 4 <110> APPLICANT: Mitchell, Lloyd G.
 5       Garcia-Blanco, Mariano A.
 6       Puttaraju, Madaiah
 7       Mansfield, Gary S.
10 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR USE IN
11       SPLICEOSOME MEDIATED RNA TRANS-SPLICING IN PLANTS
14 <130> FILE REFERENCE: A31304-B-A-C 072874.0138
16 <140> CURRENT APPLICATION NUMBER: 09/756,097A
17 <141> CURRENT FILING DATE: 2001-01-08
19 <150> PRIOR APPLICATION NUMBER: 09/158,863
20 <151> PRIOR FILING DATE: 1998-09-23
22 <150> PRIOR APPLICATION NUMBER: 09/133,717
23 <151> PRIOR FILING DATE: 1998-08-13
25 <150> PRIOR APPLICATION NUMBER: 09/087,233
26 <151> PRIOR FILING DATE: 1998-05-28
28 <150> PRIOR APPLICATION NUMBER: 08/766,354
29 <151> PRIOR FILING DATE: 1996-12-13
31 <150> PRIOR APPLICATION NUMBER: 60/008,317
32 <151> PRIOR FILING DATE: 1995-12-15
34 <160> NUMBER OF SEQ ID NOS: 105
36 <170> SOFTWARE: FastSEQ for Windows Version 4.0
38 <210> SEQ ID NO: 1
39 <211> LENGTH: 132
40 <212> TYPE: DNA
41 <213> ORGANISM: Homo sapien
43 <400> SEQUENCE: 1
44 caggggacgc accaaggatg gagatgttcc agggcgctga tgatgttgtt gattcttctt  60
45 aaatcttttg tgatggaaaa cttttcttcg taccacggga ctaaacctgg ttatgtagat 120
46 tccattcaaa aa                                                     132
48 <210> SEQ ID NO: 2
49 <211> LENGTH: 29
50 <212> TYPE: DNA
51 <213> ORGANISM: Corynebacterium diptheriae
53 <400> SEQUENCE: 2
54 ggcgctgcag ggcgctgatg atgttgttg                                    29
56 <210> SEQ ID NO: 3
57 <211> LENGTH: 36
58 <212> TYPE: DNA
59 <213> ORGANISM: Corynebacterium diptheriae
61 <400> SEQUENCE: 3
62 ggcgaagctt ggatccgaca cgatttcctg cacagg                            36
64 <210> SEQ ID NO: 4
65 <211> LENGTH: 68
```

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/756,097A

DATE: 03/04/2002
TIME: 08:46:24

Input Set : A:\09756097SEQUENCELISTING.txt
Output Set: N:\CRF3\03042002\I756097A.raw

```
66 <212> TYPE: DNA
67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: Oligonucleotide
72 <400> SEQUENCE: 4
73 aattctctag atgcttcacc cgggcctgac tcgagtacta actggtacct cttctttttt 60
74 ttcctgca                                                         68
76 <210> SEQ ID NO: 5
77 <211> LENGTH: 60
78 <212> TYPE: DNA
79 <213> ORGANISM: Artificial Sequence
81 <220> FEATURE:
82 <223> OTHER INFORMATION: Oligonucleotide
84 <400> SEQUENCE: 5
85 ggaaaaaaaa gaagaggtac cagttagtac tcgagtcagg cccgggtgaa gcatctagag 60
88 <210> SEQ ID NO: 6
89 <211> LENGTH: 24
90 <212> TYPE: DNA
91 <213> ORGANISM: Artificial Sequence
93 <220> FEATURE:
94 <223> OTHER INFORMATION: Oligonucleotide primer
96 <400> SEQUENCE: 6
97 tcgagcaacg ttataataat gttc                                       24
99 <210> SEQ ID NO: 7
100 <211> LENGTH: 24
101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Oligonucleotide primer
107 <400> SEQUENCE: 7
108 tcgagaacat tattataacg ttgc                                      24
110 <210> SEQ ID NO: 8
111 <211> LENGTH: 35
112 <212> TYPE: DNA
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Oligonucleotide primer
118 <400> SEQUENCE: 8
119 aattctctag atcaggcccg ggtgaagcac tcgag                          35
121 <210> SEQ ID NO: 9
122 <211> LENGTH: 25
123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Oligonucleotide primer
129 <400> SEQUENCE: 9
130 tgcttcaccc gggcctgatc tagag                                     25
132 <210> SEQ ID NO: 10
133 <211> LENGTH: 18
```

RAW SEQUENCE LISTING   DATE: 03/04/2002
PATENT APPLICATION: US/09/756,097A   TIME: 08:46:24

Input Set : A:\09756097SEQUENCELISTING.txt
Output Set: N:\CRF3\03042002\I756097A.raw

```
134 <212> TYPE: DNA
135 <213> ORGANISM: Homo sapien
137 <400> SEQUENCE: 10
138 tgcttcaccc gggcctga                                          18
140 <210> SEQ ID NO: 11
141 <211> LENGTH: 16
142 <212> TYPE: DNA
143 <213> ORGANISM: Homo sapien
145 <400> SEQUENCE: 11
146 ctcttctttt ttttcc                                            16
148 <210> SEQ ID NO: 12
149 <211> LENGTH: 18
150 <212> TYPE: DNA
151 <213> ORGANISM: Homo sapien
153 <400> SEQUENCE: 12
154 caacgttata ataatgtt                                          18
156 <210> SEQ ID NO: 13
157 <211> LENGTH: 16
158 <212> TYPE: DNA
159 <213> ORGANISM: Homo sapien
161 <400> SEQUENCE: 13
162 ctgtgattaa tagcgg                                            16
164 <210> SEQ ID NO: 14
165 <211> LENGTH: 16
166 <212> TYPE: DNA
167 <213> ORGANISM: Homo sapien
169 <400> SEQUENCE: 14
170 cctggacgcg gaagtt                                            16
172 <210> SEQ ID NO: 15
173 <211> LENGTH: 51
174 <212> TYPE: DNA
175 <213> ORGANISM: Homo sapien
177 <400> SEQUENCE: 15
178 ctgggacaag gacactgctt cacccggtta gtagaccaca gccctgaagc c       51
180 <210> SEQ ID NO: 16
181 <211> LENGTH: 17
182 <212> TYPE: DNA
183 <213> ORGANISM: Homo sapien
185 <400> SEQUENCE: 16
186 cttctgtttt ttttctc                                           17
188 <210> SEQ ID NO: 17
189 <211> LENGTH: 16
190 <212> TYPE: DNA
191 <213> ORGANISM: Homo sapien
193 <400> SEQUENCE: 17
194 cttctgtatt attctc                                            16
196 <210> SEQ ID NO: 18
197 <211> LENGTH: 16
198 <212> TYPE: DNA
```
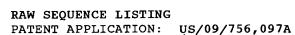
RAW SEQUENCE LISTING   DATE: 03/04/2002
PATENT APPLICATION: US/09/756,097A   TIME: 08:46:24

Input Set : A:\09756097SEQUENCELISTING.txt
Output Set: N:\CRF3\03042002\I756097A.raw

```
199 <213> ORGANISM: Homo sapien
201 <400> SEQUENCE: 18
202 gttctgtcct tgtctc                                          16
204 <210> SEQ ID NO: 19
205 <211> LENGTH: 29
206 <212> TYPE: DNA
207 <213> ORGANISM: Corynebacterium diptheriae
209 <400> SEQUENCE: 19
210 ggcgctgcag ggcgctgatg atgttgttg                             29
212 <210> SEQ ID NO: 20
213 <211> LENGTH: 36
214 <212> TYPE: DNA
215 <213> ORGANISM: Corynebacterium diptheriae
217 <400> SEQUENCE: 20
218 ggcgaagctt ggatccgaca cgatttcctg cacagg                     36
220 <210> SEQ ID NO: 21
221 <211> LENGTH: 21
222 <212> TYPE: DNA
223 <213> ORGANISM: Corynebacterium diptheriae
225 <400> SEQUENCE: 21
226 catcgtcata atttccttgt g                                     21
228 <210> SEQ ID NO: 22
229 <211> LENGTH: 20
230 <212> TYPE: DNA
231 <213> ORGANISM: Corynebacterium diptheriae
233 <400> SEQUENCE: 22
234 atggaatcta cataaccagg                                       20
236 <210> SEQ ID NO: 23
237 <211> LENGTH: 20
238 <212> TYPE: DNA
239 <213> ORGANISM: Corynebacterium diptheriae
241 <400> SEQUENCE: 23
242 gaaggctgag cactacacgc                                       20
244 <210> SEQ ID NO: 24
245 <211> LENGTH: 20
246 <212> TYPE: DNA
247 <213> ORGANISM: Homo sapien
249 <400> SEQUENCE: 24
250 cggcaccgtg gccgaagtgg                                       20
252 <210> SEQ ID NO: 25
253 <211> LENGTH: 30
254 <212> TYPE: DNA
255 <213> ORGANISM: Homo sapien
257 <400> SEQUENCE: 25
258 accggaattc atgaagccag gtacaccagg                            30
260 <210> SEQ ID NO: 26
261 <211> LENGTH: 20
262 <212> TYPE: DNA
263 <213> ORGANISM: Homo sapien
```

```
265 <400> SEQUENCE: 26
266 gggcaaggtg aacgtggatg                                          20
268 <210> SEQ ID NO: 27
269 <211> LENGTH: 19
270 <212> TYPE: DNA
271 <213> ORGANISM: Homo sapien
273 <400> SEQUENCE: 27
274 atcaggagtg gacagatcc                                           19
276 <210> SEQ ID NO: 28
277 <211> LENGTH: 39
278 <212> TYPE: DNA
279 <213> ORGANISM: Artificial Sequence
281 <220> FEATURE:
282 <223> OTHER INFORMATION: Oligonucleotide primer complimentary to the
283       Escherichia coli lacZ gene
285 <400> SEQUENCE: 28
286 gcatgaattc ggtaccatgg gggggttctc atcatcatc                     39
288 <210> SEQ ID NO: 29
289 <211> LENGTH: 36
290 <212> TYPE: DNA
291 <213> ORGANISM: Artificial Sequence
293 <220> FEATURE:
294 <223> OTHER INFORMATION: Oligonucleotide primer complimentary to the
295       Escherichia coli lacZ gene
297 <400> SEQUENCE: 29
298 ctgaggatcc tcttacctgt aaacgcccat actgac                        36
300 <210> SEQ ID NO: 30
301 <211> LENGTH: 38
302 <212> TYPE: DNA
303 <213> ORGANISM: Artificial Sequence
305 <220> FEATURE:
306 <223> OTHER INFORMATION: Oligonucleotide primer complimentary to the
307       Escherichia coli lacZ gene
309 <400> SEQUENCE: 30
310 gcatggtaac cctgcagggc ggcttcgtct gggactgg                      38
312 <210> SEQ ID NO: 31
313 <211> LENGTH: 38
314 <212> TYPE: DNA
315 <213> ORGANISM: Artificial Sequence
317 <220> FEATURE:
318 <223> OTHER INFORMATION: Oligonucleotide primer complimentary to the
319       Escherichia coli lacZ gene
321 <400> SEQUENCE: 31
322 ctgaaagctt gttaacttat tatttttgac accagacc                      38
324 <210> SEQ ID NO: 32
325 <211> LENGTH: 47
326 <212> TYPE: DNA
327 <213> ORGANISM: Artificial Sequence
329 <220> FEATURE:
```

VERIFICATION SUMMARY
DATE: 03/04/2002
PATENT APPLICATION: US/09/756,097A
TIME: 08:46:25

Input Set : A:\09756097SEQUENCELISTING.txt
Output Set: N:\CRF3\03042002\I756097A.raw

```
L:551 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54
L:552 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54
L:569 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55
L:570 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55
L:587 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56
L:588 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56
L:952 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85
L:1030 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:1030 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
```

```
<210> SEQ ID NO 92
<211> LENGTH: 192
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: :
<400> SEQUENCE: 92
     acgagcttgc tcatgatgat catgggcgag ttagaaccaa gtgaaggcaa gatcaaacat 60
     tccggccgca tcagcttttg cagccaattc agttggatca tgcccggtac catcaaggag 120
     aacataatct tcggcgtcag ttacgacgag taccgctatc gctcggtgat taaggcctgt 180
     cagttggagg ag                                                    192
```

must provide explanation — see error summary sheet item 11